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BIBLIOGRAPHY ON EXOTIC ANIMAL DISEASES

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AUGUST 1965

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
ANIMAL DISEASE AND PARASITE RESEARCH DIVISION
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6. LIBRARY CLASSIFICATION NUMBER ON THE UPPER RIGHT CORNER INDICATES: BOOK IS AVAILABLE IN THE LIBRARY.

AFRICAN HORSE SICKNESS

PIL

SKALINSKII, E.I., and IVANOVSKII, E.V.

African horse sickness: features of experimental infection.

AFRICAN SWINE FEVER
PIL
GORET, P.
African swine fever (Montgomery's disease).

Veterinariya, Moscow 41(10):29-31, 1964 (R.).
Text also in French, p. 295-298.
In France.

Index Vet. 32(4):152, 1964

Bibliogr. Agr. 29(7):174(63343), 1965

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AFRICAN SWINE FEVER

-2-

PIL &
HEUSCHELE, W.P., STONE, S.S., AND COGGINS, L. #7062

Observations on the epizootiology of African swine fever.

Bull. Epizoot. Dis. Afr. 13(2):157-160, 1965

(Ch) Acta Vet. Zootech. Sinica 7(1):61-68, 1964.
English summary.

Mycoplasma agalactiae, cause of contagious
agalactia.
Caprine pleuropneumonia.

Bibliogr. Agr. 29(7):168(63139), 1965

AGALACTIA

PIL

FANG, Hsiao-Wen, LIU, Kuang-Pen, and YU, Kuang-Hsi

Studies on the cultivation of Capromyces pleuro-pneumoniae in embryonated eggs and its immunogenicity in goats.

AFRICAN SWINE FEVER

PIL

KOVALENKO, Ya. R.

Experiments with the virus of African swine fever.

Vet. Med. Nauki, Sofia 1(7):7-12, 1964 (R.).

Bull. Epizoot. Dis. Afr. 13(2):149-155, 1965

Index Vet. 32(4):86, 1964

BOVINE PLEUROPNEUMONIA

PIL

BROWN, R.D., COURLAY, R.N., and MACLEOD, A.K.

The production of T₁ broth culture contagious bovine pleuropneumonia vaccine.

BOVINE PLEUROPNEUMONIA

-3-

GOURLAY, R.N., and PALMER, R.F.

PIL

HAMMOND, J.A., and BRANAGAN, D.

FIL

The antigenicity of Mycoplasma mycoides.
III. Isolation of precipitating antigens
from urine.

Res. Vet. Sci. 6(3):255-262, 1965

Bull. Epizoot. Dis. Afr. 13(2):121-147, 1965

BOVINE PLEUROPNEUMONIA

GOURLAY, R.N.

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BOVINE PLEUROPNEUMONIA

JHABVALA, Darius S.

#6293

The antigenicity of Mycoplasma mycoides.
IV. Properties of the precipitating antigens
isolated from urine.

Medicine vs. ancient scourge--animal disease.

New York Herald Tribune, Sunday, August 8, 1965,
p. 24.

Res. Vet. Sci. 6(3):263-273, 1965

Editorial

Health Policy and the Future of Health Care

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Health Policy and the Future of Health Care

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Health Policy and the Future of Health Care

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Health Policy and the Future of Health Care

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CAPRINE PLEUROPNEUMONIA

-4-

ALUJA, A.S. DE.

PIL

An outbreak of pleuropneumonia in goats,
caused by *Mycoplasma mycoides*.

(Sp) Med. Vet. Zootec. 3(3):77-87, 1964.

English summary
Mexico.

Bibliogr. Agr. 29(7):167(63122), 1965

EAST COAST FEVER

BROCKLESBY, D.W., and BAILEY, K.P.

PIL

The immunisation of cattle against East Coast
fever (*Theileria parva* infection) using
tetracyclines: A review of the literature
and a reappraisal of the method.

Bull. Epizoot. Dis. Afr. 13(2):161-168, 1965

CAPRINE PLEUROPNEUMONIA

PIL

FANG, Hsiao-Wen, LIU, Kuang-Pen, and YU, Kuang-Hsi

PIL

Studies on the cultivation of Capromyces pleuro-
pneumoniae in embryonated eggs and its
immunogenicity in goats.

(Ch) Acta Vet. Zootech. Sinica 7(1):61-68, 1964.

English summary.
Mycoplasma agalactiae, cause of contagious
agalactia.
Caprine pleuropneumonia.

Bibliogr. Agr. 29(7):168(63139), 1965

FOOT-AND-MOUTH DISEASE

PIL

ANON.

Essais de vaccins anti-aphteux européens de type
A contre la nouvelle souche A "Moyen-Orient"
faits au Laboratoire d'Etlik-Ankara en
Turquie (Mars 1965) (Analysis of European
foot-and-mouth disease vaccine of type A
against the new strain A "Near East" by a
test conducted at the Laboratoire d'Etlik-
Ankara in Turkey (March 1965)).

Bull. Off. Int. Epizoot. 63(3-4):489-503, 1965

FOOT-AND-MOUTH DISEASE

-5-

ANON.

New foot and mouth disease strain spreads in Europe.

Mod. Vet. Pract. 46(9):28, 1965

PIL

CAPSTICK, P.B., and GARLAND, A.J.

Observations on the use of BHK 21 clone 13 cells for foot-and-mouth disease vaccine production.

Bull. Off. Int. Epizoot. 64: , 1965
(33d General Session)

PIL

FOOT-AND-MOUTH DISEASE

PIL

BOIKO, A.A., and ZHIDKOVA, L.A.

COCCHI, L.

Experimental cultivation of a mixture of type A and O foot and mouth disease viruses in 2-3-day-old rabbits. I.

It is not true that there is a shortage of vaccine for foot and mouth disease.

(It) Agr. d'Ital. 10(11):77, 79, 1964.
In swine.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov 12:145-150, 1964 (R.).

Vet. Bull. 35(7):430(2568), 1965

Bibliogr. Agr. 29(7):173(63325), 1965

the first time in 1970.

It is also the first time that

the number of patients with

multiple sclerosis has been

estimated from a national

sample of the population.

The results of this study

are presented in this paper.

The results of this study

are presented in this paper.

The results of this study

are presented in this paper.

The results of this study

are presented in this paper.

The results of this study

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The results of this study

are presented in this paper.

The results of this study

FOOT-AND-MOUTH DISEASE

-6-

FOOT-AND-MOUTH DISEASE

PIL

CUNHA, Raymundo G.

#6270

DELANNOY, J.-C.

Avances en el estudio del virus de la fiebre aftosa (Advances in the study of foot-and-mouth disease virus).

Rev. Med. Vet. 45(6):385-398, 1964

-Thesis,

Paris (Alfort), 1964, pp.53.

Index Vet. 32(4):37, 1964

FOOT-AND-MOUTH DISEASE

PIL

CUNHA, Raymundo G., and VIEIRA, Antonio

FOOT-AND-MOUTH DISEASE
PIL
DHENNIN, Louis, and DHENNIN, Leone

Investigacion sobre la relacion immunologica entre los virus de fiebre aftosa y Coxsackie (Investigation on the immunological relation between foot-and-mouth disease and Coxsackie virus).

Bull. Off. Int. Epizoot. 63(3-4):505-514, 1965

Bull. Acad. Vet. France 38(4):121-125, 1965

La contribution du Laboratoire Central de Recherches Veterinaires d'Alfort a l'étude de la fievre aphtuse (The contribution of the Central Veterinary Research Laboratory at Alfort to the study of foot and mouth disease).

THE SIGHTING OF THE EQUATORIAL FISHES

THE MUSSELS

The mussels were collected from the surface of the mud flats at the time of low tide. They were found in great numbers, especially in the shallow water near the shore. They were collected in the following manner: A small boat was used, and the mussels were collected by hand. The mussels were collected in the following manner: A small boat was used, and the mussels were collected by hand.

THE CRABS

The crabs were collected from the surface of the mud flats at the time of low tide. They were collected in the following manner: A small boat was used, and the crabs were collected by hand.

FOOT-AND-MOUTH DISEASE

-7-

FAO

#6301

GAYOT, G., et al*

PIL

Report to the Government of Pakistan on foot
and mouth disease control in East Pakistan,
by H.H.J. Frederiks. Rome, 1965.
6 p. and Appendix I-IV.

FAO/EPTA No. 1970

Bull. Acad. Vet. France 38(4):127-134, 1965

*A. Lucas, Mme L. Dhennin and L. Dhennin

FOOT-AND-MOUTH DISEASE

FAO

#6308

FOOT-AND-MOUTH DISEASE

GIRARD, H.C.

#6306

Report to the Government of Turkey on the
control of foot-and-mouth disease, by
Alex. G.J. Stubbins. Rome, 1964.

13 p.

Project TUR/AN, Trust Fund 111

Veterinarian 3:21-31, 1965 (Great Britain)

Interpretation statistique de la methode dite
qualitative d'appréciation des vaccins anti-
aphteux (Statistical interpretation of the
so-called qualitative method of the evaluation
of the foot-and-mouth disease vaccines).

FOOT-AND-MOUTH DISEASE

PIL

FOOT-AND-MOUTH DISEASE

SF 793 Cl4

GLUSHKO, B.A.

Effect on foot and mouth immunogenesis of double
and treble vaccination in divided dosage.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov
12:151-156, 1964 (R.).

Vet. Bull. 35(7):430(2569), 1965

HEILBRONNER, Andre

Prevention of cattle diseases with special
reference to foot-and-mouth disease.

General report by Andre Heilbronner with
national reports from France, Germany (Federal
Republic), Greece, Israel, Netherlands, Poland,
Sweden, Turkey, United Kingdom, United States of
America, and Yugoslavia.

International Institute of Administrative Sciences,
1964, 234 p., illus., Brussels (Cases in compar-
ative public administration).

Cuadernos 3(3):71-72, 1965

FOOT-AND-MOUTH DISEASE

PIL

GRINETS, I.G.

Phagocytosis of leucocytes by reticulo-endothelial
cells and megakaryocytes in cattle with foot
and mouth disease.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov
12:107-115, 1964 (R.) (GNKI, Zvenigorodskoe
Shosse 5, Moskva D-22).

Vet. Bull. 35(7):430(2565), 1965

FOOT-AND-MOUTH DISEASE

PIL

HEINIG, A., et al*

Zur aktiven Immunisierung der Schweine gegen
Maul- und Klaulenseuche mit Saponinvakzine
(Active immunization of swine by saponized
vaccine against foot-and-mouth disease).

Arch. Exp. Vet.-Med. 19(H.-R.-H.)133-138, 1965

*A.-F. Olechnowitz, E. Benndorf, and D. Weyhe

FOOT-AND-MOUTH DISEASE

-9-

JHABVALA, Darius S.

PIL

#6293

KANE, G.J., PAY, T.W.F., and BRACEWELL, C.D.

Medicine vs. ancient scourge--animal disease.
Some investigations and control procedures of
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from virus cultivated on BHK 21 clone 13 cells.

New York Herald Tribune, Sunday, August 8, 1965,
p. 24

Bull. Off. Int. Epizoot. 64: , 1965
(33d General Session)

FOOT-AND-MOUTH DISEASE

PIL

JONES, A.L.

Growth of foot and mouth disease virus in organ
cultures of mouse pancreas.

FOOT-AND-MOUTH DISEASE

PIL

LEES MAY, T., and CONDY, J.

Foot and mouth disease in game in Rhodesia.

FOOT-AND-MOUTH DISEASE

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Nature(Lond.)207(4997):665-666, 1965

Bull. Off. Int. Epizoot. 64: , 1965
(33d General Session)

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FOOT-AND-MOUTH DISEASE

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MUNTIU, N.

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Roumanian experience in combatting foot and mouth disease during the past 20 years.

Rev. Zooteh. Med. Vet., Bucuresti 14(8): 75-81, 1964 (Rou.).

Index Vet. 32(4):107, 1964

FOOT-AND-MOUTH DISEASE

PIL

SANTUCCI, J., et al*

Complement d'information sur le controle du vaccin anti-aphteux de type SAT 1 a l'Institut National des Serums et Vaccins Razi (Iran) au cours de l'annee 1963-1964 (Complement information on the control of foot-and-mouth disease vaccine of type SAT 1 at the Institut National des Serums et Vaccins Razi (Iran) during the years 1963-1964).

Bull. Off. Int. Epizoot. 63(3-4):477-487, 1965

*M. Amighi, H. Gilbert, M. Hessami, J.-P. Soulebot, M.-B. Mastan and A. Chafyi

FOOT-AND-MOUTH DISEASE

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SALAZHOU, E.I.

Evaluation of methods of determining the type of foot and mouth disease virus strains.

Trudy Nauchno-Kontrol Inst. Vet. Preparatov 12:128-137, 1964 (R.).

Vet. Bull. 35(7):430(2566), 1965

FOOT-AND-MOUTH DISEASE

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SANTUCCI, J., et al*

Sensibilite d'une lignee cellulaire de rein de porc au virus aphteux de type SAT 1 d'Asie. Souches d'Iran et de Turquie (Sensitivity of swine kidney cell-line to the foot-and-mouth disease virus of type SAT 1 of Asia. Strains of Iran and of Turkey).

Bull. Off. Int. Epizoot. 63(3-4):469-475, 1965

*M. Amighi, H. Gilbert, M.B. Mastan, M. Hessami, J. Haag and A. Chafyi

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FOOT-AND-MOUTH DISEASE

-11-

STRAUCH, D.

PIL

VCINOV, S.I., et al*

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MKS in the swine barn.

(Ge) Übersicht 15(4):223-227, 1964.
Foot and mouth disease.

Cultivation of foot and mouth disease virus
(by Frenkel's method) for vaccine preparation.
Trudy Nauchno-Kontrol Inst. Vet. Preparatov
12:138-144, 1964 (R.).

Bibliogr. Agr. 29(7):175(63393), 1965

Vet. Bull. 35(7):430(2567), 1965

*B.E. Blekherman, A.V. Kostina, A.A. Potemkin and
N.S. Shevyrev

FOOT-AND-MOUTH DISEASE

PIL

SZENT-TVANYI, Miklos

PIL

Allami Vakcinatornele Intezet (State Vaccine-
Production Institute).

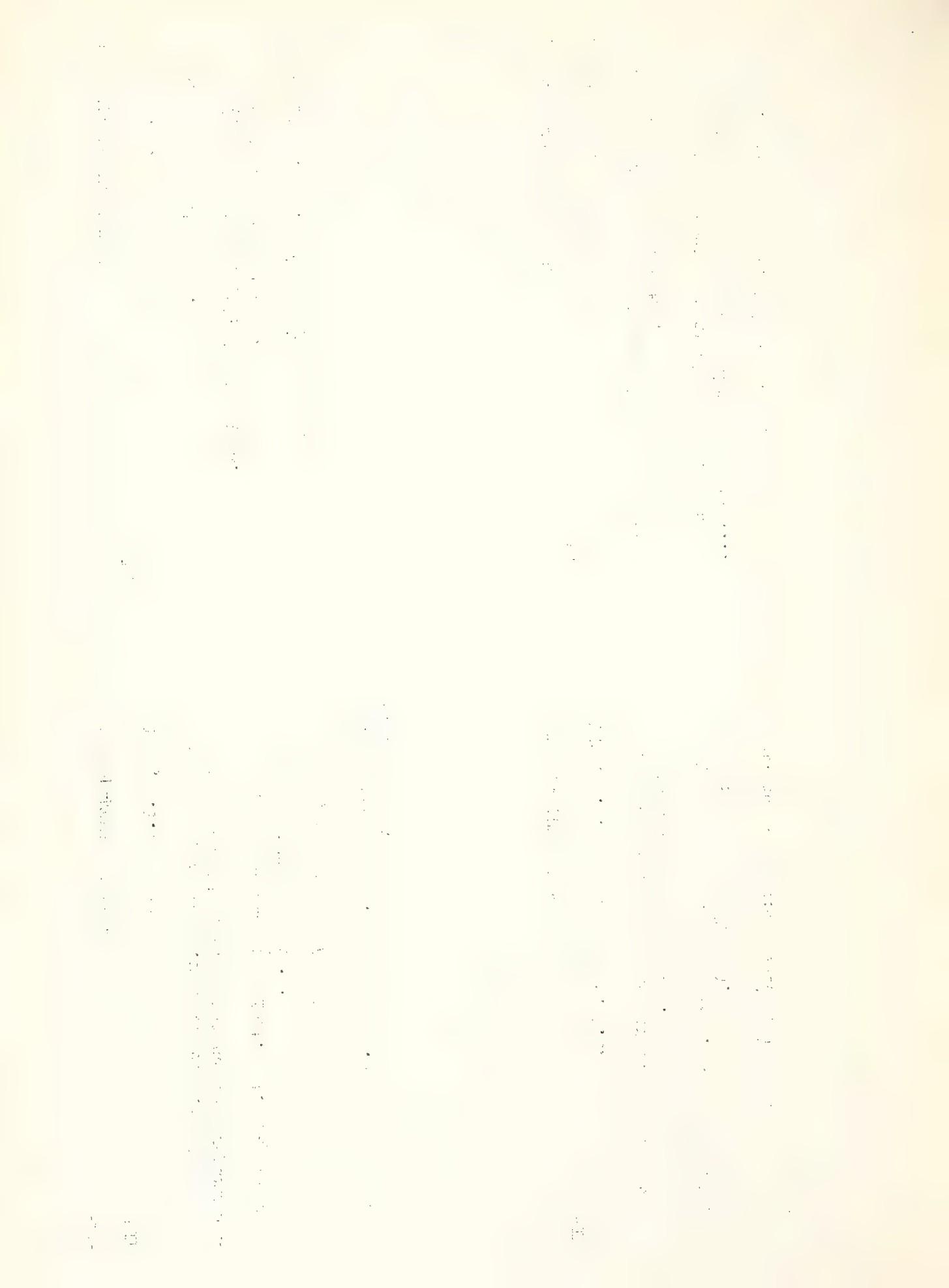
Some biological properties of larinized foot
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12:157-162, 1964 (R.).

Vaccine production against foot-and-mouth
disease; virus export to Riems Institute....

Vet. Bull. 35(7):430-431(2570), 1965

Magy. Allatorv. Lap. 20(6):253-254, 1965



FOOT-AND-MOUTH DISEASE

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KLISENKO, G.A., et al*

Electron microscopic autoradiography of cultured cells infected with fowl plague virus.

Vopr. Virusologii 9:451-455, 1964 (R.e.).

Index Vet. 32(4):85, 1964

*V.M. Stakhanova, E.M. Zhantieva and V.M. Zhdanov

Bull. Off. Int. Epizoot. 63(3-4):555-556, 1965
Typing of the foot-and-mouth disease virus.
Cumulative quarterly report (for the period
January 1 to March 31, 1965).

FOOT-AND-MOUTH DISEASE

PIL

ZHELANOV, I.

Eradication of foot-and-mouth disease outbreak.

(Rus) Sel'sk. Khoz. Belorussii 10:18, 1964.

Bibliogr. Agr. 29(7):136(62038), 1965

LOUPING ILL

PIL

LOGINOVA-PARINA, N.V., and LEVKOVICH, E.N.

Comparison of plaque formation by viruses of the tick encephalitis group (including louping ill).

Vopr. Viruslogii 9:404-408, 1964 (R.e.).

Index Vet. 32(4):95, 1964

FOWL PLAGUE

PIL

KLISENKO, G.A., et al*

Electron microscopic autoradiography of cultured cells infected with fowl plague virus.

Vopr. Virusologii 9:451-455, 1964 (R.e.).

Index Vet. 32(4):85, 1964

*V.M. Stakhanova, E.M. Zhantieva and V.M. Zhdanov

the first time, and the first time I have seen it.

It is a very large tree, with a trunk diameter of about 1.5 m. The bark is smooth and greyish-brown. The leaves are large, elliptical, and pointed at the tip. They are arranged in opposite pairs along the branches. The flowers are small and white, with five petals each. They are produced in clusters at the ends of the branches. The fruit is a small, round, yellowish-orange drupe, containing a single seed. The tree is found in the tropical rainforests of Central America and South America, particularly in the Amazon basin. It is used locally for timber and as a source of food and medicine. The wood is hard and durable, and is used for building houses and furniture. The fruit is eaten raw or cooked, and is also used in traditional medicine to treat various ailments.

The tree is a member of the Malpighiaceae family, which includes many other species of fruit trees, such as the guava and the passion fruit. It is a dioecious species, meaning that there are separate male and female trees. The male trees produce pollen, while the female trees produce eggs. The pollen is carried by wind to the female flowers, where it fertilizes the eggs. The fruit is produced from the ovaries of the female flowers. The tree has a long life expectancy, and can live for several hundred years. It is a valuable resource for the local communities, providing them with food, medicine, and timber. The tree is also important for the environment, as it helps to maintain the balance of the ecosystem. It is a reminder of the beauty and diversity of the natural world, and a reminder of the importance of preserving it for future generations.

LUMPY SKIN DISEASE

USDA

USDA PUBLICATIONS
FILE DRAWER

RIFT VALLEY FEVER
BRUNO-LOBE, M., and SHOPE, R., ed.

PIL

Lumpy skin; a highly infectious foreign disease
of cattle. Washington, U.S. Govt. Print.
Off., 1965.

8 p.

PA No. 636.

Proceedings of the seventh International Congresses
on Tropical Medicine and Malaria. Seminar on
arboviruses. Rio de Janeiro, September 6, 1963.

Anais Microbiol. 11, Part A pp. 1-293, 1963 (E.).

Rift Valley fever, by M.P. Weinbren, p. 257-263.

Vet. Bull. 35(7):428(2549), 1965

NAIROBI SHEEP DISEASE

PIL

RINDERPEST
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BRUNO-LOBE, M., and SHOPE, R., ed.

Proceedings of the seventh International Congresses
on Tropical Medicine and Malaria. Seminar on
arboviruses. Rio de Janeiro, September 6, 1963.

Anais Microbiol. 11, Part A pp. 1-293, 1963 (E.).

Nairobi sheep disease, by M.P. Weinbren,
p. 257-263.

Rapport au gouvernement du Cambodge sur production
de vaccin contre la peste bovine et diagnostic
de la maladie (Report to the Government of
Cambodia on production of vaccine against
rinderpest and diagnosis of the disease), by
K. Fukusho. Rome, 1965.

23 p.

Vet. Bull. 35(7):428(2549), 1965
FAO/EPTA Report No. 1969

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THABVALA, Darius S.

Medicine vs. ancient scourge--animal disease.

New York Herald Tribune, Sunday, August 8, 1965,
p. 24

S.T.R.C. Joint Project No. 15: Joint action
project for the control of rinderpest in
Africa. Lagos, Nairobi, 1965.
25 p. and 5 appendix.
Report and recommendations.
(Participation of Dr. Callis)

*C.A.U. - Organization of African Unity.
S.T.R.C. - Scientific, Technical and Research Comm.

RINDERPEST

TISS, B.

Entwicklung und Gegenwartsprobleme der Rinderpest
in Ostafrika (Development and present problems
of rinderpest in East Africa).

Berl. Munch. Tierarztl. Wochensch. 78(14):
266-269, 1965

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RINDERPEST
SUBHARNGKASEN, Siri

Review of attenuated live virus-vaccines.
Information of their nature and utilization.
Incidence of their use on international trade
in animals and animal products.

Bull. Off. Int. Epizoot. 64: , 1965
(33d General Session)

ANSWER

Given $\sin \theta = \frac{3}{5}$, we want to find $\cos^2 \theta$.

$$\begin{aligned} \sin^2 \theta + \cos^2 \theta &= 1 \\ \left(\frac{3}{5}\right)^2 + \cos^2 \theta &= 1 \\ \frac{9}{25} + \cos^2 \theta &= 1 \\ \cos^2 \theta &= 1 - \frac{9}{25} \\ \cos^2 \theta &= \frac{16}{25} \end{aligned}$$

Since $\cos^2 \theta = \frac{16}{25}$, we have $\cos \theta = \pm \sqrt{\frac{16}{25}} = \pm \frac{4}{5}$.

$$\begin{aligned} \cos \theta &= \pm \frac{4}{5} \\ \cos \theta &= \pm \frac{4}{5} \cdot \frac{5}{5} \\ \cos \theta &= \pm \frac{20}{25} \\ \cos \theta &= \pm \frac{4}{5} \end{aligned}$$

$$\begin{aligned} \cos \theta &= \pm \frac{4}{5} \\ \cos \theta &= \pm \frac{4}{5} \cdot \frac{5}{5} \\ \cos \theta &= \pm \frac{20}{25} \\ \cos \theta &= \pm \frac{4}{5} \end{aligned}$$

$$\begin{aligned} \cos \theta &= \pm \frac{4}{5} \\ \cos \theta &= \pm \frac{4}{5} \cdot \frac{5}{5} \\ \cos \theta &= \pm \frac{20}{25} \\ \cos \theta &= \pm \frac{4}{5} \end{aligned}$$

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RINDERPEST

TAKAMURA, Masashi

PIL

Review on attenuated live virus-vaccines.

Information on their nature and utilization in Japan. Incidence of their use on the international trade in animals and animal products.

Bull. Off. Int. Epizoot. 64: , 1965
(33d General Session)

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RINDERPEST

ZAKI, Hilmy

PIL

Review of attenuated live-virus vaccines, their nature and utilization in U.A.R.

Bull. Off. Int. Epizoot. 64: , 1965
(33d General Session)

RINDERPEST

TAYLOR, W.P., and FLOWRIGHT, W.

PIL

SCRAPIE

CHANDLER, R.L.

PIL

Studies on the pathogenesis of rinderpest in experimental cattle. III. Proliferation

of an attenuated strain in various tissues following subcutaneous inoculation.

J. Hyg. (Lond.) 63(2):263-275, 1965

J. Comp. Pathol. 75(3):323-326, 1965

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SCRAPIE

MILLSON, G.C.

#6313

SHEEP POX

ZAKI, Hilmy

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PIL

Lysosomal enzymes in normal and scrapie mouse brain.

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